

**TRANSMITTAL LETTER TO THE UNITED STATES  
DESIGNATED/ELECTED OFFICE (DO/EO/US)  
CONCERNING A SUBMISSION UNDER 35 U.S.C. 371**

1004 Rec'd PCT/PTO 11 OCT 2005

63463.000004

U.S. APPLICATION NO. (if known, see 37 CFR 1.5)

10/552758

INTERNATIONAL APPLICATION NO.

PCT/US2004/010979

INTERNATIONAL FILING DATE

09 April 2004

PRIORITY DATE CLAIMED

09 April 2003

TITLE OF INVENTION

**PREPARATION OF LIGHT VALVES**

APPLICANT(S) FOR DO/EO/US

**Day CHAHROUDI**

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3. ☐ This express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.
4. ☒ The US has been elected (Article 31).
5. ☒ A copy of the International Application as filed (35 U.S.C. 371(c)(2))
  - a. ☐ is attached hereto (required only if not communicated by the International Bureau).
  - b. ☒ has been communicated by the International Bureau.
  - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☐ An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).
  - a. ☐ is attached hereto.
  - b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
7. ☐ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
  - a. ☐ are attached hereto (required only if not communicated by the International Bureau).
  - b. ☐ have been communicated by the International Bureau.
  - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
  - d. ☐ have not been made and will not be made.
8. ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. ☒ An unexecuted oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
10. ☐ An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

**Items 11 to 20 below concern document(s) or information included:**

11. ☐ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12. ☐ An Assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. ☒ A Preliminary Amendment.
14. ☐ An Application Data Sheet under 37 CFR 1.767.
15. ☐ A substitute specification.
16. ☐ A power of attorney and/or change of address letter.
17. ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821-1.825.
18. ☐ A second copy of the published International Application under 35 U.S.C. 154(d)(4).
19. ☐ A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).
20. ☒ Other items or information:

**PCT Second and Supplementary Notice Informing the Applicant of the Communication of the International Application (To Designated Offices Which the 30 Month Time Limit Under Article 22(1)) (Form PCT/IB/308); PCT Communication in Cases For Which No Other Form is Applicable (Form PCT/IB/345); PCT Notification Concerning The Filing of Amendments of the Claims (Form PCT/IB/346); WO 2004/092806 A2; PCT Notification of Transmittal of the International Search Report and the Written Opinion of the International Searching Authority, or the Declaration (Form PCT/ISA/220); PCT International Search Report (Form PCT/ISA/210); Response to International Search Report and Written Opinion of the Searching Authority Along with Transmittal of Article 19 Amendment; PCT Written Opinion of the International Searching Authority (Form PCT/ISA/237) and Request to Examine Application Based on International Application Amended Under Article 34 PCT and Explanation of Reduced Search Fee.**

U.S. APPLICATION NO. (IF KNOWN, SEE 37 CFR 1.7) <b>10/552758</b>		INTERNATIONAL APPLICATION NO. PCT/US2004/010979		ATTORNEY'S DOCKET NUMBER 63463.000004	
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21. <input checked="" type="checkbox"/> The following fees are submitted:				<b>CALCULATIONS PTO USE ONLY</b>	
<input checked="" type="checkbox"/>	a) <b>Basic National Fee</b>	\$ 300.00		\$ 300.00	
<input checked="" type="checkbox"/>	b) <b>Examination Fee</b>	\$ 200.00		\$ 200.00	
<input checked="" type="checkbox"/>	c) <b>Search Fee</b>	\$ 500.00		\$ 500.00	400.00
<b>TOTAL OF ABOVE CALCULATIONS</b>			<b>\$1000.00</b>	<b>\$ 1000.00</b>	<b>900.00</b>
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250.00 for each additional 50 sheets of paper or fraction					
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE		
- 100	/50		x \$250.00	\$	
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)).				\$	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	\$	
Total claims	60 - 20 =	40	x \$ 50.00	\$	2000.00
Independent claims	3 - 3 =	0	x \$200.00	\$	
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$360.00	\$	360.00
<b>TOTAL OF ABOVE CALCULATIONS =</b>				\$	3260.00
Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.				\$	1630.00
<b>SUBTOTAL =</b>				\$	1630.00
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).				\$	
<b>TOTAL NATIONAL FEE =</b>				\$	1630.00
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property				\$	
<b>TOTAL FEES ENCLOSED =</b>				\$	1630.00

a. A check in the amount of \_\_\_\_\_ to cover the above fees is enclosed.

b. ☒ Please charge Deposit Account No. 50-0206 in the amount \$1630.00 to cover the above fees.  
A duplicate copy of this sheet is enclosed.

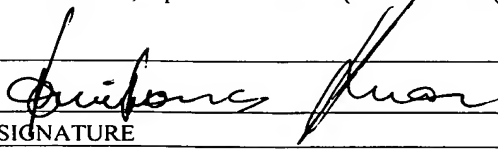
c. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 50-0206 A duplicate copy of this sheet is enclosed.

d. Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.

SEND ALL CORRESPONDENCE TO:

CUSTOMER NO. 21967  
Intellectual Property Department  
Hunton & Williams LLP  
1900 K Street, N.W.; Suite 1200  
Washington, DC 20006-1109  
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 SIGNATURE

Stanislaus Aksman

NAME

28,562

REGISTRATION NUMBER

October 11, 2005

DATE

99999.000309 WASHINGTON 548751v1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application Number : TBA Confirmation No.: TBA  
First Named Inventor : Day CHAHROUDI  
Filed : October 11, 2005  
Title : PREPARATION OF LIGHT VALVES  
TC/Art Unit : TBA  
Examiner: TBA  
  
Docket No. : 63463.000004  
Customer No. : 21967

**REQUEST TO EXAMINE APPLICATION BASED ON INTERNATIONAL APPLICATION AMENDED  
UNDER ARTICLE 19 PCT AND EXPLANATION OF REDUCED SEARCH FEE**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Applicant respectfully requests that the examination of the application in the United States Patent and Trademark Office be based on text of the International Application PCT/US2004/010979, amended under Article 19 PCT. A copy of the Amendment filed in the International Application on March 28, 2005 is enclosed (Tab 1).

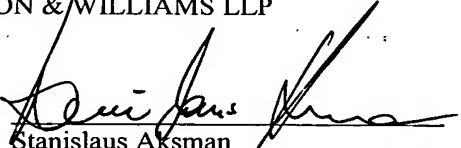
Pursuant to 37 C.F.R. § 1.492(b)(3), Applicant respectfully note that a reduced search fee for this national stage filing is paid herein because an International Search Report on the International Application has been prepared and is provided to the USPTO no later than the time at which the search fee is paid.

Authorization is hereby granted to charge or credit the undersigned's Deposit Account No. 50-0206 for any fees or overpayments related to this Request.

Respectfully submitted,

HUNTON & WILLIAMS LLP

By:

  
Stanislaus Aksman  
Registration No 28,562

Dated: October 11, 2005

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